

ABSTRACT

According to one aspect of the present invention, the present invention provides an optical communication system, including: racks mounting many optical communication boards having optical modules thereon, and supplying system power to the mounted optical communication boards; a remote control line supplying a power supplying control signal to the optical communication boards mounted on the optional racks; optical communication boards receiving the system power by being mounted on the racks, and selectively supplying the supplied system power to the optical modules according to the power supplying control signal supplied through the remote control line; and a remote controller preventing the system power from being supplied to the optical modules when the optical communication boards are mounted on the racks while the system power is applied to the racks, and outputting the power to the corresponding optical modules through the remote control line in order to supply the power to the corresponding optical modules when the system power is stable at predetermined level by being applied to the optical communication boards. Therefore, it can prevent the optical modules from being damaged by the system power when the optical communication boards are mounted on the optical communication system.